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Terry M. Crellin
204 W. 330 North
Laverkin UT 84745

Mail Date: 11/28/11
Application Number: 10/589386

NOTICE TO PAY BALANCE OF ISSUE FEE

The issue fee payment filed on **11/09/11** has been received. Although the fee was paid in response to the Notice of Allowance and Fees Due, new patent fees went into effect on **September 26, 2011**, after the mailing date of the Notice. See Section 11 of the Leahy-Smith American Invents Act (Public Law 112-29), which places a fifteen percent surcharge, that went into effect on **September 26, 2011**, on certain patent fees, including the issue fee. Because the issue fee was paid on or after **September 26, 2011**, the new issue fee was due instead of the amount specified in the Notice of Allowance and Fees Due.

In accordance with 37 CFR 1.18, applicant is given a time period of **THREE (3) MONTHS** from the mailing date of this notice during which to pay the **BALANCE DUE** indicated below. The balance due is the difference between the issue fee required on the date that the correct issue fee is paid and the amount that was previously paid. This three-month time period **may not** be extended. If the balance due is not paid before the expiration of the three-month period, the application will become abandoned (if not issued) or the patent will lapse (if issued) at the termination of the three-month period.

All checks, cashier's checks, or money orders must be made payable to "Director of the U.S. Patent and Trademark Office". (See 37 CFR 1.23(a).)

Send a copy of this letter, together with applicable fee to:

Mail Stop ISSUE FEE
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| Application Type | Column A | | Column B | Balance Due |
|------------------|--------------------|--------------|----------------|---------------------|
| | Issue Fee Required | | Issue Fee Paid | Column A - Column B |
| | Small Entity | Large Entity | | |
| UTILITY | \$870.00 | \$1,740.00 | \$ 755.00 | \$ 115.00 |
| REISSUE | \$870.00 | \$1,740.00 | \$ | \$ |
| DESIGN | \$495.00 | \$990.00 | \$ | \$ |
| PLANT | \$685.00 | \$1,370.00 | \$ | \$ |

Office of Data Management
571-272-4200

01/04/2012 CCHAU2 00000085 10589386

01 FC:2501

870.00 OP

Adjustment date: 01/04/2012 CCHAU2 00000029 10589386
11/09/2011 RWDONG2 00000029 10589386
01 FC:1506